

Workplace Alaska

Class Specification Facilities Maintenance Plumber

Created:
09/05/2007 by Cheryl Evans
Finalized on:

AKPAY Code:
Class Outline Cat:
Approved by:

Class Code: RR8402B
Class Range: ARW 11
Class Status: Active

Category: Labor Trades and Crafts
Original Date: 09/05/2007

Class Title: Facilities Maintenance Plumber
Use MJR Form: Alaska Railroad

Original Comments:

Subsequent Revision Dates/Comments:

Last Update: **EEO4:** 6 **SOC:** 47-2152 **Census:**

Last Update Comments:

Definition:

To install, repair, replace and maintain plumbing, heating, drainage, water, air, hot water and steam systems for shops, structures, and office buildings. Performs electrical, carpentry, and HVAC/Boiler maintenance, repair and construction duties for ARRC owned or maintained facilities and properties throughout the railbelt.

Distinguishing Characteristics:

Examples of Duties:

Installs, repairs and maintains and/or replaces steam lines, valves, fittings of water systems, sewer systems, heating systems, pumps, hydrants, valves and the thawing of frozen systems. Repairs, replaces and maintains oil burners, fire lines, pumps, hydrants, fuel tanks, alarm boxes, water pumps, pressure reducing valves, septic systems, condensate pumps, temperate regulating valves, heat exchangers, heating and ventilation and hydronic heat piping and expansion loops.
Repairs and maintains heating and cooling systems, boilers, fans, duct work, control systems, unit heaters and pumps.
Installs, repairs and maintains a variety of steel and wooden structures. Works with concrete, wood, steel, sheetrock, doors, windows and cabinetry.
Installs, repairs and maintains lighting systems, power distribution systems, electrical fixtures, motors, outlets, switches and controls.
Performs operational functions and maintains equipment and work area in accordance with practices and procedures prescribed in ARRC Manual of Safety Rules and Regulations for General Guidance and Protection of Railroad Personnel. Responsible for maintaining a clean and tidy work site.
Performs other related duties as assigned.

Knowledge, Skills and Abilities:

FACTOR 1: Skill and Knowledge

Must have eight (8) years plumbing experience in the maintenance or construction field that includes selection of materials and tools, blueprint reading, and the ability to perform high quality work in accordance with the applicable codes. Must have an in depth knowledge of plumbing equipment assembly, installation, repair, and the associated technical practices. Must be able to plan and lay out work in accordance with drawings, sketches, and blue prints. Work is performed with a minimum of supervision. Must be competent in the use of the tools of trade and their safe, efficient use. Must be skillful in measuring and cutting materials to the required lengths and dimensions. Incumbent must be competent in traditional maintenance and construction methods and the interpretation and application of applicable codes.

Works alone or as a member of a work crew, either in a shop situation or at a work site, and applies the full range of maintenance and construction skills and techniques in repairing, constructing, remodeling and or maintaining a variety of wooded and steel structures, representative of which are housing, administrative and office buildings, warehouses and storage sheds, technical and shop structures. . Must have a valid driver's license.

FACTOR 2: Responsibility

Incumbent works from written or oral assignments which may be accompanied by drawings, blueprints, or hand drawn sketches. Accomplishes assignments with a minimum of supervisory guidance, applying accepted trade techniques, practices, and work procedures. Assignments are subject to check during progress and upon completion for adherence to acceptable standards of workmanship and compliance with instructions.

FACTOR 3: Physical Effort

Must be able to perform the general maintenance and construction duties that may include, but not limited to walking, climbing, pushing,

pulling, and lifting up to 75 pounds. Must be able to climb in/out of confined spaces, climb tall ladders on to rooftops and/or other high structures. Must be able to perform strenuous work in inclement weather.

FACTOR 4: Working Conditions

Work is performed both inside and outside. Outside, exposure to heat and cold can be protected against by proper clothing. Inside work is usually in buildings, adequately heated, lighted, and ventilated. Noise from hammers, saws, and other power tools is frequent. There is dust, and sometimes dirt, when repairing structures and operating power tools. Personal protective equipment (PPE) is provided and must be used in accordance with ARRC policies. May be required to travel within the Railbelt area in the performance of assigned duties.

Minimum Qualifications:

High School diploma or GED is required. Must have Alaska Certificate of Fitness as a Journeyman Plumber. Must have a minimum of eight years experience in the plumbing/pipefitting trade with at least four years working as a Journeyman. Must also hold a local Plumbers Certificate of Fitness card or obtain such within six months of hire. Requires installation and operating knowledge of various plumbing systems to include: heating, drainage, water, fusion welding, air, hot water and steam systems. Experience in HVAC preferred. Requires ability to interpret and apply building plans and blueprints. Must have a valid driver's license

Required Job Qualifications:

(The special note is to be used to explain any additional information an applicant might need in order to understand or answer questions about the minimum qualifications.)

Special Note:

Minimum Qualification Questions:

Did you answer all of the above listed questions?